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**Complete if Known**


Application Number	10/603,271
Filing Date	June 24, 2003
First Named Inventor	Michael E. Shanahan
Art Unit	2614
Examiner Name	Ken S. Yeang <i>TSW</i>
Attorney Docket Number	MES002 CON III

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>1</sup> of Invention			
BUT		US-5,220,420	06-15-1993	Moarty, et al	
		US-5,247,347	09-21-1993	Litter, et al	
		US-5,253,275	10-12-1993	Yurt, et al	
		US-5,262,008 875	11-18-1993	Mincer, et al	
		US-5,341,474	08-23-1994	Galman, et al	
		US-5,428,606	06-27-1995	Moskowitz	
		US-5,440,336	08-08-1995	Buhro, et al	
		US-5,442,749	08-15-1995	Northcutt, et al	
		US-5,524,141	06-04-1996	Braun, et al	
		US-5,541,917	07-30-1996	Farris	
		US-5,550,557	08-27-1996	Verbiest, et al	
		US-5,550,570 7	08-27-1996	Moarty, et al	
		US-5,550,863	08-27-1996	Yurt, et al	
		US-5,553,311	08-03-1996	McLaughlin, et al	
		US-5,557,673	08-17-1996	Schupak	
		US-5,561,888	10-01-1996	Jones, Jr.	
		US-5,563,649	10-08-1996	Gould, et al	
		US-5,566,353	10-15-1996	Cho, et al	
BUT		US-5,588,181	10-22-1996	Greenwood, et al	

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature		Date Considered	08-06-07
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\*EXAMINER: Initial & reference considered. whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

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